WORLD SUGAR TRADE INCREASES IN 1973

World trade (exports) of centrifugal sugar totaled 22.7 million metric tons, raw value, in 1973. This was an increase of 4.7 percent over the 1972 level and up by 18.7 percent over the 1965-69 average. World trade over the past decade has increased at a much slower rate than production and consumption.

North America and South America showed substantial increases in sugar trade for 1973, compared with 1972 levels. Exports from Europe, Africa, Asia, and Oceania did not show as much change. Cuba had a larger increase of exports in 1973 than any other country. The increases reflected a significantly higher level of production. At 4.8 million tons, however, exports were still below the 1965-69 average by about 200,000 tons. Argentina and Brazil account for the high level of exports in South America in 1973, as exports from Guyana, [illegible] and Venezuela were down markedly. In Asia increases by the Philippines were almost offset by declines for Thailand and Turkey.

World imports of sugar amounted to 21.7 million metric tons, up by 3.7 percent over 1972 imports. Imports in the USSR accounted for 700,000 tons of the increase, reflecting a disappointing production year. The 2.6 million tons imported by the USSR compares with 1,942,000 tons for the 1965-69 period. Japan lowered its imports in 1973 to a more usual level. The U.S. accounts for more imports than any other country (21.8 percent). While U.S. imports in 1973 were about the same as those of 1972, they were about 16 percent higher than 1965-69.

Sugar, centrifugal (raw value): Imports, average 1965-69, annual 1972 and 1973

(In 1,000 metric tons)

Continent and country	Average 1965-69	1972	1973 1/
North America:			
Canada	860	908	965
United States	4,096	4,719	4,746
Other 2/	67	11	24
Total North America	5,023	5,638	5,735
South America:			
Chile	188	233	251
Uruguay	52	50	35
Other 2/	1	2	2
Total South America	241	285	288
Europe:			
Belgium and Luxembourg	35	4	15
Denmark	17	7	8
Finland	184	214	203
France	123	128	99
Germany, West	269	125	140
Greece	55	89	69
Iceland	12	11	10
Ireland	64	31	18
Italy	181	579	550
Malta	18	16	22
Netherlands	168	39	100
Norway	172	183	180
Portugal	183	252	245
Spain 3/	231	120	124
Sweden	123	112	114
Switzerland	248	247	226
United Kingdom	2,164	2,163	2,050
Total West Europe	4,247	4,320	4,173
Bulgaria	249	160	232
Czechoslovakia	213	143	148
Germany, East	243	331	260
Hungary	24	145	174
Poland	26	22	28
Romania	25	76	100
Yugoslavia	125	295	200
Total East Europe	905	1,172	1,142
Total Europe	5,152	5,492	5,315
USSR (Europe and Asia)	1,942	1,924	2,633
Africa:			
Algeria	246	230	278
Egypt	112	71	62
Ghana	72	49	62
Kenya	49	111	83
Libya	53	79	91
Morocco	227	222	278
Nigeria	72	125	141
Sierra Leone	25	22	29
Sudan	135	143	165
Tanzania	2	54	51
Tunisia	80	114	114
Other 2/	310	337	350
Total Africa	1,383	1,557	1,704
Asia:			
Afghanistan	54	32	20
China, People's Rep.of	494	749	736
Cyprus	16	18	20
Hong Kong	144	74	75
Indonesia	53	71	170
Iran 4/	219	94	150
Iraq	289	271	280
Israel	103	161	142
Japan	1,913	2,777	2,372
Jordan	78	71	20
Korea, South	126	219	312
Lebanon	46	54	52
Malaysia	292	356	348
Pakistan	82	12	186
Singapore	167	137	110
Southern Yemen, Rep. of	52	35	37
Sri Lanka (Ceylon)	261	222	169
Syria	78	155	203
Vietnam, South	154	188	279
Other 2/	119	198	189
Total Asia	4,740	5,894	5,870
Oceania:			
New Zealand	139	177	182
Other 2/	19	14	21
Total Oceania	158	191	203
Total World	18,639	20,981	21,748

1/ Preliminary. 2/ Includes trade of other countries not shown separately. 3/ Canary Islands, Cueta, and Melilla considered provinces of Spain after January 1, 1953. 4/ Iranian calendar year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. agricultural attaches and foreign service officers, results of office research and related information.

SUGAR, CENTRIFUGAL, RAW VALUE: Exports, average 1965-69, annual 1972 and 1973

(In 1,000 metric tons)

Continent and country	Average 1965-69	1972	1973 1/
North America:			
Belize	48	70	78
Canada	19	18	65
Costa Rica	55	77	112
El Salvador	49	135	100
Guatemala	50	92	120
Honduras	8	12	11
Mexico	460	577	580
Nicaragua	40	100	92
Panama	25	36	48
United States	2	1	4
Caribbean:			
Barbados	163	94	101
Cuba	4,969	4,140	4,797
Dominican Republic	588	1,099	1,031
Guadeloupe	55	80	114
Haiti	24	20	8
Jamaica	378	280	271
St. Kitts	34	24	23
Trinidad and Tobago	192	191	142
Other 2/	7	0	0
Total North America	7,166	7,046	7,697
South America:			
Argentina	74	167	469
Brazil	968	2,054	2,376
Colombia	155	176	202
Ecuador	67	96	86
Guyana	310	320	229
Peru	400	481	407
Venezuela	34	125	54
Other 2/	12	14	40
Total South America	2,020	3,433	3,863
Europe:			
Belgium and Luxembourg	157	434	316
Denmark	72	68	94
Finland	32	88	66
France	708	1,425	1,532
Germany, West	49	286	235
Ireland	16	16	12
Netherlands	14	118	150
United Kingdom	288	330	299
Other 2/	22	29	51
Total West Europe	1,358	2,794	2,755
Czechoslovakia	390	229	225
Germany, East	163	158	120
Poland	212	332	423
Romania	100	170	70
Other 2/	131	0	0
Total East Europe	996	889	838
Total Europe	2,354	3,683	3,593
USSR (Europe and Asia)	1,089	64	46
Africa:			
Congo (Brazzaville)	18	40	33
Malagasy Republic	67	39	40
Mauritius	571	670	739
Mozambique	134	197	200
Reunion	244	139	170
Rhodesia	110	95	120
South African Rep. 3/	734	1,168	892
Swaziland	125	172	160
Other 2/	72	48	85
Total Africa	2,075	2,568	2,439
Asia:			
China, People's Rep. of	337	156	155
China, Rep. of (Taiwan)	706	489	486
India	233	105	209
Philippines	970	1,240	1,475
Thailand	34	419	265
Turkey	82	112	4
Other 2/	148	99	125
Total Asia	2,510	2,620	2,719
Oceania:			
Australia 4/	1,636	2,010	2,100
Fiji	309	290	276
Total Oceania	1,945	2,300	2,376
Total World	19,159	21,714	22,733

1/ Preliminary. 2/ Includes trade of other countries not shown separately. 3/ Beginning 1965, Swaziland excluded. 4/ Crop year ending May of year shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. agricultural attaches and foreign service officers, results of office research and related information.

WORLD SUNFLOWERSEED OUTPUT TO DECLINE SLIGHTLY IN 1974

In 1974, world sunflowerseed production is expected to decline slightly from the record 11.5 million metric tons produced in 1973.

If yields are on trend in the USSR, sunflowerseed production in that country will approximate 6.4 million tons[1], about 400,000 tons less than last year's output despite a slight increase in acreage. This reduction should be substantially offset by 340,000 tons of increased production in Argentina, Romania, Bulgaria, and Yugoslavia.

This spring, Argentina harvested an estimated 1.07 million tons, or about 100,000 tons more than in 1973. The increase resulted from higher yields, since acreage declined by 13 percent.

In Eastern Europe, increased production in Romania and Bulgaria is expected. General rains in the Balkans during July should have provided sufficient moisture for full development of sunflowers. Romania is expected to produce 900,000 tons of seed on 1,483,000 acres harvested. Improved yields and 60,000 more harvested acres are expected to increase Romanian sunflowerseed production by 140,000 tons over last year's output.

Bulgaria devotes 7 percent of its arable land to sunflowers and is expected to produce 500,000 tons of seed in 1974 on an estimated 710,000 acres harvested. This year's 60,000-ton projected increase in seed production primarily reflects increased acreage.

Despite slightly smaller acreage, production in Yugoslavia should reach 475,000 tons in 1974, compared with 433,000 tons harvested last year, because of improved yields.

The United States, traditionally a producer of 70,000-90,000 metric tons of sunflowerseed for birdfeed each year, began commercial production of sunflowerseed for crushing in 1967. By 1972 farmers expanded plantings of crushing varieties to 650,000 acres. However, two-thirds of that land, 435,000 acres, was set-aside acreage. In 1974, over half of this acreage returned to wheat, soybeans, and feedgrains with the termination of the set-aside program. Consequently, U.S. production of sunflowerseed is now unofficially estimated at 265,000 tons, down 25 percent or 89,000 tons from last year's crop of 354,000 tons.

World sunflower oil production in 1974 is estimated at a record 4.5 million metric tons, or 940,000 tons above last year. The bulk of the increase reflects expanded Soviet output from seed harvested last year. In 1975, world sunflower oil production is expected to decline by 110,000 tons, reflecting reduced Soviet production this year.

World production of sunflowerseed meal increased 845,000 metric tons in 1974 to an estimated 4.3 million tons. In 1975, meal output is expected to decline by 145,000 tons.

Sunflowerseed oil exports in 1974 are estimated at 825,000 tons, oil basis, or 75,000 tons above the 1973 level. In 1975 exports are expected to continue to expand somewhat, reaching 855,000 tons, oil basis.

Exports of sunflowerseed and meal in 1974 are estimated at 640,000 tons, meal equivalent, an increase of 70,000 tons over last year. However, in 1975, meal exports are expected to total only 530,000 tons, meal equivalent, because of reduced seed availabilities in the U.S., Argentina, and Turkey.

In 1973, the major sunflowerseed importers were West Germany, France, and Italy. The Netherlands, Belgium-Luxembourg, Austria, West Germany, and France were major sunflower oil importers.

[1] Seed production adjusted for 8 percent dockage.

Sunflowerseed: 1/ Production in specified countries and the world, annual 1968-73 and forecast 1974
(In 1,000 metric tons)

Continent and country	1968	1969	1970	1971	1972	1973 2/	Indicated 1974
North America:							
Canada	11.2	15.4	25.1	77.0	77.0	41.0	--
Mexico	--	--	--	20.0	15.0	3.0	--
United States	70.6	77.7	84.7	203.0	338.0	354.0	265
Total	81.8	93.1	109.8	300.0	430.0	398.0	310
South America:							
Argentina	940.0	876.0	1,140.0	830.0	828.0	974.0	1,070
Chile	43.0	28.2	28.0	20.3	20.0	6.0	--
Uruguay	48.6	62.5	64.9	48.8	59.8	71.0	80
Other	6.0	14.3	20.0	18.0	18.0	18.0	--
Total 3/	1,037.6	981.0	1,252.9	917.1	925.8	1,069.0	1,175
Europe:							
France	29.9	32.5	49.1	55.0	64.0	70.0	70
Bulgaria	456.0	541.0	407.0	455.0	483.0	440.0	500
Hungary 4/	93.5	108.0	81.0	131.0	121.0	136.0	--
Romania 4/	729.9	746.9	769.6	791.0	850.0	758.0	900
Spain	30.5	153.2	160.4	223.0	243.0	299.0	320
Yugoslavia	309.0	390.0	264.0	347.0	277.0	433.0	475
Other	11.0	8.2	12.3	19.0	26.0	34.0	--
Total 3/	1,659.8	1,979.8	1,743.4	2,021.0	2,064.0	2,170.0	2,440
USSR	6,150.0	5,849.0	5,652.0	5,200.0	4,644.0	6,794.0	8/ 6,400
Africa:							
Ethiopia	38.0	40.0	40.0	40.0	40.0	40.0	--
Kenya 6/	3.0	3.0	2.0	3.0	3.0	3.0	--
Morocco	3.7	2.8	18.0	16.0	25.0	18.0	--
Mozambique 6/	2.4	2.5	4.1	6.0	6.0	10.0	--
South Africa	84.3	88.5	100.0	134.0	151.0	233.0	267
Tanzania 6/	7.7	7.7	8.0	8.0	10.0	10.0	--
Other	4.9	5.6	5.2	5.2	5.0	5.0	--
Total 3/	144.0	150.1	177.3	212.2	240.0	319.0	355
Asia:							
Turkey	230.0	310.0	375.0	465.0	560.0	560.0	510
Other	73.2	75.8	73.1	77.0	76.0	75.0	--
Total 7/	303.2	385.8	448.1	542.0	636.0	635.0	585
Oceania:							
Australia	3.2	5.5	13.2	58.9	147.5	102.0	64
World total	9,379.6	9,444.3	9,396.7	9,251.2	9,087.3	11,487.0	11,329

1/ Southern Hemisphere sunflower crops which are harvested early in the calendar year are combined with those of the Northern Hemisphere which are harvested in the latter months of the same year. 2/ Preliminary. 3/ Includes estimates for minor producing countries. 4/ Includes production from intercropping. 5/ Adjusted official estimates, that is official Soviet data "barn yield" less 8 percent dockage. 6/ Commercial crop only. 7/ Includes estimates for the People's Republic of China as well as for minor producing countries. 8/ Projected on the basis of an estimated 11.6 million acres and an assumed average yield of 1,140 pounds per acre.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Imports of Sunflowerseed and Oil
into major importing countries,
calendar years 1972 and 1973
(In metric tons)

Imports: From / Into	Sunflowerseed: USSR	Bulgaria	Hungary	Romania	Others	Total	Sunflowerseed oil: Argentina	USSR	Hungary	Romania	Others	Total
1972												
Belgium-Luxembourg	0	175	137	0	1,056	1,368	0	8,434	0	2,639	30,513	41,586
Denmark	0	0	0	0	681	681	815	500	0	321	1,111	2,747
France	0	21,267	959	0	21,234	53,460	0	22,205	0	8,353	31,980	62,538
Germany, West	0	4,000	14,333	3,141	97,750	119,224	100	79,336	360	45,615	20,851	146,262
Ireland	0	0	0	0	0	0	0	1,245	0	1,999	1,170	4,414
Italy	0	18,010	1,863	2,094	29,663	51,630	0	0	1,247	0	1,068	2,315
Netherlands	0	0	35	0	5,898	5,933	0	21,421	0	14,690	9,703	45,814
United Kingdom	0	0	0	0	0	0	0	10,608	0	2,309	15,873	28,790
Total EC	0	43,452	17,327	5,235	166,282	232,296	915	143,749	1,607	75,926	112,269	334,466
Austria 1/	59	947	1,966	243	2,082	5,297	92	1,372	12,557	11,557	302	25,880
Poland	5,803	0	394	1,579	2,020	9,796	0	22,892	975	0	7,216	31,083
Spain	0	0	0	0	11,286	11,286	360	0	0	4,610	559	5,529
Sweden	0	0	0	0	2,802	2,802	0	(3/)	0	502	344	846
Yugoslavia	1,543	0	0	0	0	1,543	0	0	0	0	0	0
Morocco	0	0	0	0	0	0	0	16,282	0	0	2,309	18,591
Japan	0	0	0	0	28,460	28,460	0	0	0	0	0	0
Total	7,405	44,399	19,687	7,057	212,932	291,480	1,367	184,295	15,139	92,595	122,999	416,395
1973												
Belgium-Luxembourg	0	766	15	0	2,380	3,161	1,438	6,651	0	50	34,261	42,400
Denmark	0	0	69	0	344	413	1,779	100	0	406	672	2,957
France	0	232	368	65	34,798	35,463	3,780	23,685	0	12,977	47,661	88,103
Germany, West	0	14,805	15,035	4,086	147,531	181,457	19,821	65,165	0	49,770	23,113	157,869
Ireland	0	0	0	0	0	4/ 0	(2/)	(2/)	(2/)	(2/)	4,000	4/ 4,000
Italy	0	6,943	0	0	22,250	29,193	0	0	136	0	1,039	1,175
Netherlands	0	422	0	0	10,016	10,438	5,870	10,345	0	7,931	23,177	47,323
United Kingdom	0	0	0	0	0	0	0	8,188	0	200	13,449	21,837
Total EC	0	23,168	15,487	4,151	217,319	260,125	32,688	114,134	136	71,334	147,372	365,664
Austria 1/	51	1,045	2,604	169	2,814	6,683	2,205	502	16,494	14,133	995	34,329
Poland	(2/)	(2/)	(2/)	(2/)	6,000	6,000	(2/)	(2/)	(2/)	(2/)	25,000	25,000
Spain	0	0	0	0	824	824	0	1,130	0	2,131	9,210	12,471
Sweden	0	113	304	0	2,615	3,032	0	(3/)	(3/)	574	82	656
Yugoslavia	0	0	0	0	500	500	0	0	0	0	0	0
Morocco	0	0	0	0	0	4/ 0	0	0	0	0	15,000	15,000
Japan	0	0	0	0	4,825	4,825	0	0	0	0	0	0
Total	51	24,326	18,395	4,320	234,897	281,989	34,893	115,766	16,630	88,172	197,659	453,120

1/ Includes pumpkinseed. 2/ Not available. 3/ Less than 0.5 tons. 4/ Estimated.

Sunflowerseed and Oil: Production and exports by major producer-exporters, annual 1960-74
(In 1,000 metric tons)

Item and year	USSR Seed	USSR Oil	Romania Seed	Romania Oil	United States 6/ Seed	United States 6/ Oil	Bulgaria Seed	Bulgaria Oil	Argentina Seed	Argentina Oil	Subtotal as oil	Others	World
Production: 1/													
1960	2,795	1,009	529	185	—	—	279	97	802	184	1,475	190	1,665
1961	3,650	1,332	522	184	—	—	344	121	585	135	1,772	158	1,930
1962	4,373	1,641	481	175	—	—	301	109	860	277	2,202	223	2,425
1963	4,411	1,684	450	166	6	—	357	132	462	149	2,131	249	2,380
1964	3,942	1,539	506	191	13	—	336	127	460	148	2,005	280	2,285
1965	5,573	2,245	518	202	12	—	337	131	757	244	2,822	303	3,125
1966	5,013	2,033	564	222	17	—	357	139	782	252	2,646	329	2,975
1967	5,658	2,338	671	269	30	—	423	169	1,120	361	3,137	358	3,495
1968	6,079	2,576	720	295	102	16	478	196	940	303	3,386	329	3,715
1969	6,150	2,559	730	294	71	11	456	184	876	282	3,330	370	3,700
1970	5,849	2,417	747	299	78	12	541	217	1,140	367	3,312	483	3,795
1971	5,652	2,368	770	312	85	14	407	165	830	267	3,126	479	3,605
1972	5,200	2,174	791	320	203	32	455	184	828	267	2,977	648	3,625
1973 2/	4,644	1,941	850	344	338	95	483	195	974	314	2,889	671	3,560
1974 3/	6,794	2,840	758	307	354	99	440	178	1,070	344	3,768	732	4,500
1975 3/	6,400	2,675	900	364	265	74	500	202	1,000	322	3,637	753	4,390
Exports: 4/													
1960	28	92	5	32	—	—	31	9	—	14	211	34	245
1961	32	122	15	34	—	—	17	11	—	31	262	23	285
1962	43	152	6	48	—	—	37	10	—	15	311	12	323
1963	40	237	6	40	—	—	13	13	—	4	353	43	396
1964	45	169	16	37	—	—	46	3	—	31	347	40	387
1965	35	221	15	33	—	—	39	1	—	35	379	28	407
1966	60	428	21	77	—	—	66	—	—	78	730	29	759
1967	132	670	29	110	—	—	58	8	—	81	1,088	40	1,128
1968	161	714	19	116	1	—	51	21	—	80	1,163	35	1,198
1969	151	656	18	144	—	—	53	22	—	7	1,051	36	1,087
1970	61	351	29	119	1	—	31	32	—	101	725	83	808
1971	37	379	10	132	2	—	40	20	—	36	656	73	729
1972	33	394	6	129	26	—	35	20	—	10	653	80	733
1973 2/	32	342	4	145	50	—	30	20	—	62	685	65	750
1974 3/	500		120		66	—	(5/)	30	—	35	751	74	825
1975 3/	500		150		40	—	—	50	—	40	780	75	855
					(In percent)								
Assumed Crush:													
1960-1966	95.0		92		0		92		92				
1967-1971	95.0		92		40		92		92				
1972-1975	95.0		92		70		92		92				
Assumed extraction rate:													
1960-1971		38-44.6		38-44.6		40		38-44.6		25-35			
1972-1975		44		44		40		44		35			

1/ Total harvested in previous calendar year except Argentina where harvested in the year indicated. Oil production for the USSR estimated on the basis of 95 percent of the seed harvest adjusted for 8 percent dockage assumed extraction rates of 38 to 45 percent. Oil production for all other countries estimated on the basis,92 percent of seed harvested using average oil extraction rates of 25 to 35 percent. 2/ Preliminary. 3/ Forecast. 4/ Exports of seed expressed as oil using assumed extraction rates as indicated. 5/ Bulgarian exports of sunflower seed are prohibited from this year on. 6/ Unofficial data compiled from trade sources and selected state reports.

Sunflowerseed: Production and exports by selected producer-exporters and the world, annual 1960-74 and 1975 forecast

(In 1,000 metric tons)

Item and year	USSR		Argentina		Turkey		United States 9/		Bulgaria		Romania		Subtotal: as meal	Other	World as meal
	Seed	Meal	Seed	Meal	Seed	Meal	Seed	Meal	Seed	Meal	Seed	Meal			
Production: 1/															
1960	2,795	1,195	803	332	140	58	--	--	279	115	529	219	1,919	238	2,157
1961	3,650	1,547	585	242	100	41	--	--	344	141	522	214	2,185	198	2,383
1962	4,373	1,807	860	356	75	31	--	--	301	120	481	193	2,507	241	2,748
1963	4,411	1,793	462	191	55	23	6	--	357	140	450	177	2,324	273	2,597
1964	3,942	1,569	460	190	82	34	13	--	336	129	506	195	2,117	306	2,423
1965	5,573	2,149	757	313	160	66	12	--	337	126	518	194	2,848	281	3,129
1966	5,013	1,891	782	324	160	66	17	--	357	130	564	206	2,617	306	2,923
1967	5,658	2,086	1,120	464	200	83	30	--	423	151	671	240	3,024	316	3,340
1968	6,079	2,223	940	389	230	95	102	18	478	169	720	255	3,149	274	3,423
1969	6,150	2,232	876	363	230	95	71	13	456	160	730	257	3,120	312	3,432
1970	5,849	2,112	1,140	472	310	128	78	14	541	189	747	261	3,176	411	3,587
1971	5,652	2,040	830	344	375	155	85	15	407	142	770	269	2,965	401	3,366
1972 2/	5,200	1,877	828	343	465	193	203	36	455	159	791	277	2,885	560	3,445
1973 3/	4,644	1,677	974	403	560	232	338	106	483	169	850	297	2,884	561	3,445
1974 4/	6,794	2,453	1,070	443	560	232	354	112	440	154	758	265	3,659	631	4,290
1975 4/	6,400	2,310	1,000	414	510	211	265	83	500	175	900	315	3,508	637	4,145
Exports: 5/		(6/)				(7/)									
1960	33	248	--	218	3	48	--	--	37	--	6	--	593	27	620
1961	38	193	--	249	--	48	--	--	19	--	17	--	564	30	594
1962	47	174	--	255	--	45	--	--	14	--	7	--	542	40	582
1963	42	97	--	217	--	27	--	--	14	--	6	--	403	41	444
1964	46	23	--	181	--	47	--	--	47	--	17	--	361	41	402
1965	34	65	--	276	1	62	--	--	37	--	14	--	489	22	511
1966	56	195	--	372	--	87	--	--	62	--	20	--	792	44	836
1967	118	194	--	399	--	104	--	--	52	--	26	--	893	48	941
1968	139	163	--	379	--	85	1	--	44	--	16	--	827	27	854
1969	132	130	--	291	--	80	--	--	45	--	15	--	693	25	718
1970	54	24	--	404	--	77	1	--	27	--	25	--	612	80	692
1971	32	10	--	299	--	84	2	--	34	--	9	--	470	44	514
1972 2/	27	2	--	195	--	113	30	--	30	--	5	--	402	72	474
1973 3/	25	--	--	299	--	107	56	--	26	--	3	--	516	54	570
1974 4/	50	--	--	330	--	120	74	--	(8/)	--	5	--	579	61	640
1975 4/	40	--	--	280	--	100	45	--	--	--	10	--	475	55	530
							(In percent)								
Assumed crush:															
1960-1966	95		92		92		0		92		92				
1967-1971	95		92		92		40		92		92				
1972-1975	95		92		92		70		92		92				
Assumed extraction rate:															
1960-1969	45-38.2		45		45		45		45-38.2		45-38.2				
1970-1975	38		45		45		45		38		38				

1/ Total seed harvested in previous calendar year except Argentina where harvested in the year indicated. Meal production for USSR adjusted for 8 percent dockage. 2/ Preliminary. 3/ Partly estimated. 4/ Forecast. 5/ Exports of seed expressed as meal using assumed extraction rates as indicated. 6/ Estimated at about 50 percent of the total volume of vegetable cake and meal exports which are not separately classified. 7/ Total vegetable cake and meal exports less exports of cottonseed meal. Includes small quantities of other cakes and meals. 8/ Bulgarian exports of sunflowerseed are prohibited from this year on. 9/ Unofficial data compiled from trade sources and selected state reports.

WORLD PRODUCTION AND TRADE OF COPRA AND COCONUT OIL

Production

World production of copra in 1974 is estimated at 2.5 million metric tons (oil equivalent), up 2 percent, or 44,000 tons, from that of 1973. Last year's production was down as a result of lack of rainfall in principal producing areas. The 1973 oil production of 2,471,000 metric tons was down 11 percent or 293,000 metric tons from the high production of 2,764,000 metric tons in 1972. Production generally was stable throughout much of the 1960's, but increased rather sharply in 1971 and also in 1972. It is likely that production in 1975 will be almost back to the 1972 level.

Almost three-fourths of the copra is produced in four countries, the Philippines, Indonesia, Sri Lanka, and New Guinea. Combined production of copra in 1974 in these countries, in terms of oil, totaled 1.9 million tons or about 74 percent of the world output of 2.5 million tons. In 1960 these countries produced 69 percent of the total, 70 percent by 1965, and 70 percent in 1970. Only in the past few years has the proportion produced by the major producers/exporters increased somewhat.

The leading producer of copra is the **Philippines.** In 1974 its production of copra, in terms of oil, is expected to reach 1,120,000 tons, almost 45 percent of the world's total output. Its production is down about 2 percent from the 1973 level as a result of the rainfall shortage that started in early 1972 and continued through January 1974. With rainfall back to normal or above-normal levels, production in the Philippines could increase by 14 percent to 1,280,000 metric tons in 1975.

Indonesia is the second largest producer of copra. Its 1974 output, in terms of oil, is expected to total 567,000 metric tons, up 2 percent from that of 1973. There should be a slight increase in Indonesian copra production in 1975.

Sri Lanka's 1974 production of copra (oil equivalent) is estimated at 96,000 metric tons, representing some improvement over the low level of 67,000 metric tons in 1973. The low level of production in 1973 was because of severe drought conditions. In addition, lack of fertilizer and uncertainty about the Land Reform Law helped contribute to the 1973 decline, which was only 41 percent of the 1972 level. Production is improving and the 1975 level may reach 134,000 tons.

Production of copra in **Papua New Guinea** during 1974 should be up about 15 percent from the previous year's level, and, on an oil equivalent basis, total 77,000 metric tons. Production in 1975 probably will be at about the same level.

Copra also is produced in India, Malaysia, Mexico, Fiji, French Pacific Islands, New Hebrides, Mozambique, and some other tropical countries.

Exports

World exports of copra and coconut oil in terms of oil are expected to exceed 1.2 million metric tons this year, up slightly from those of 1973. There probably will be further increases in 1975 to about the 1.4 million ton level.

The four major producers/exporters may export 1,045,000 metric tons of copra (oil equivalent) and coconut oil in 1974, about 84 percent of the world total. However, during 1973 and 1974 several copra and coconut oil producing countries imposed restrictions on exports. The Philippine export tax differentials imposed in February 1974 sharply curtailed its copra exports. By mid-1974, further administrative decisions, apparently in an effort to boost coconut oil prices on the world market, have added to the uncertainty of future coconut oil exports.

Sri Lanka banned copra and coconut oil exports in an effort to assure adequate domestic supplies. Indonesia continued its restrictions on exports of copra and coconut oil. Export restrictions have reduced considerably the availability of copra and coconut oil entering world trade in the first half of 1974, and may continue to limit exports into early 1975.

The **Philippines** is the biggest producer of coconut oil and also the main exporter. Copra and coconut oil exports during January-June 1974 totaled 277,000 metric tons (oil equivalent), down 44 percent from the same period in 1973. Shipments of copra in June 1974 were only 18,600 metric tons, compared with 81,400 metric tons for the same month last year. Coconut oil exports in June were 34,500 metric tons, 13 percent below the 39,600 metric tons in June 1973. Exports for all of 1974 are forecast at 850,000 metric tons (oil equivalent), down 4 percent from the 902,000 tons in 1973.

The 1975 forecast of exports from the Philippines (oil basis) is for 1 million tons. This would be 71 percent of the world's total exports, expected to reach 1.4 million tons.

Indonesia only exports about one-fourth of its copra crop and historically, most of this has been as copra. Since 1973 there have been restrictions on copra exports. Its 1974 exports, in terms of oil, are forecast at 70,000 metric tons with 1975 exports likely to be at about the same level.

Exports from **Sri Lanka** reached a low of 20,000 metric tons (oil basis) in 1973. In recent years, most of the exportable part of the crop has been exported as oil. About half to two-thirds of production is exported. Exports this year, in terms of oil, will be about 50,000 metric tons, increasing to 80,000 metric tons in 1975.

New Guinea exports most of its copra crop with about two-thirds of it going as copra and one-third as oil. Exports in 1974 and 1975 are both forecast at 75,000 tons (oil basis).

Copra: Exports by principal exporting countries, annual 1967-73
(In 1,000 metric tons)

Continent and country	1967	1968	1969	1970	1971	1972 1/	1973 1/
Registered Exports 2/							
Asia:							
Philippines	831	664	576	420	710	991	728
Indonesia	112	217	158	185	64	43	36
Malaysia 3/	-1	-4	12	9	-2	-5	-3
Sabah 3/	12	15	13	10	15	16	12
Subtotal Malaysia 3/	11	11	25	19	13	11	9
Singapore 3/	-4	4	-8	-3	-24	-31	-12
Sri Lanka	16	21	19	15	17	44	3
Portuguese Timor	2	1	2	2	2	2	2
Total Asia	968	918	772	638	782	1,060	766
Oceania:							
New Guinea	60	78	78	71	74	77	65
Papua	13	18	17	17	17	23	25
New Caledonia	1	1	1	(4/)	(4/)	(4/)	(4/)
New Hebrides	42	34	37	31	34	30	20
Cook Island	1	2	2	1	1	1	1
Solomon Islands	25	17	24	21	27	21	15
French Pacific Islands	17	8	2	1	1	0	0
Western Somoa	8	13	15	10	18	19	14
Gilbert and Elice Islands	11	6	8	6	6	7	6
Trust Territories (U.S.)	11	9	13	13	13	13	13
Tonga Islands	9	8	14	8	9	12	13
Fiji Islands	2	0	2	1	0	0	0
Total Oceania	200	194	213	180	200	203	172
Africa:							
Mozambique	43	47	41	45	47	44	48
Tanzania	5	12	16	9	2	0	5
Seychelles	6	5	6	4	5	3	4
Togo	1	(4/)	1	1	(4/)	(4/)	(4/)
Nigeria	3	4	2	2	1	(5/)	1
Comora Islands	4	4	5	4	5	5	5
Sao Tome and Principe	6	5	5	5	5	6	5
Total Africa	68	77	76	70	65	58	68
Americas:							
Dominican Republic	5	6	4	1	2	0	0
Mexico	0	0	0	0	0	0	0
Saint Vincent	2	2	2	3	3	3	3
Total Americas	7	8	6	4	5	3	3
Other	3	3	4	4	(5/)	(5/)	(5/)
Total registered	1,246	1,200	1,071	896	1,052	1,324	1,009
Unregistered Exports 5/							
Philippines to:							
Sabah	1	(4/)	3	5	17	15	15
Other	0	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
Indonesia to:							
Sabah	1	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
Malay States and Singapore	1	6	2	1	1	1	1
Via Malay States and Singapore to Burma, India, Pakistan	(5/)	1	0	0	0	0	0
Other	8	36	23	33	22	7	5
Total unregistered	11	43	28	39	40	23	21
Total registered and unregistered	1,257	1,243	1,099	935	1,092	1,347	1,030
Total oil equivalent of copra exports	805	796	703	599	699	862	658

1/ Preliminary; partly estimated. 2/ Recorded shipment. 3/ Net exports. 4/ Less than 500 tons. 5/ Excess of imports from the Philippines and Indonesia over recorded exports of destination listed, after allowances were made for the time shipments were afloat, for shrinkage, and for diversions en route to destination.

Foreign Agriculture Service. Prepared or estimated on the basis of official statistics of foreign government, other foreign source materials, reports of U.S. Agriculture Attaches and Foreign Service Officers, results of office research, and related information.

Coconut Oil: Exports by principal exporting countries, annual 1967-73
(In 1,000 metric tons)

Continent and Country	1967	1968	1969	1970	1971	1972 1/	1973 1/
Asia:							
Philippines-registered	234	270	213	337	409	467	426
unregistered 2/	0	1	0	0	0	0	0
Indonesia-registered	2	17	4	3	4	34	17
unregistered 2/	3	1	0	0	0	0	0
Malaysia 3/	29	38	27	43	37	21	25
Sarawak 3/	3	4	4	4	4	3	3
Subtotal Malaysia	32	42	31	47	41	24	28
Singapore 3/ 4/	12	39	22	24	9	15	5
Sri Lanka	68	64	56	56	71	87	18
Total Asia	351	434	326	467	534	627	494
Oceania:							
French Pacific Islands	0	7	11	11	8	11	11
Fiji	14	17	17	19	17	15	18
New Guinea	24	23	21	21	27	27	28
Total Oceania	38	47	49	51	52	53	57
Africa:							
Mozambique	9	8	8	7	7	6	10
Tanzania	3	2	3	7	5	3	1
Total Africa	12	10	11	14	12	9	11
Other	0	0	1	0	2	3	0
Total	401	491	387	532	600	692	562
Oil equivalent of copra exports	805	796	703	599	699	862	658
Grand total oil equivalent of copra and coconut oil	1,206	1,287	1,090	1,131	1,299	1,554	1,220

1/ Preliminary; partly estimated. 2/ Excess of imported from the Philippines and Indonesia over recorded exports after allowances were made afloat and for diversion enroute. 3/ Net exports. 4/ Believed to include a substantial volume of unregistered imports from Indonesia.

Foreign Agriculture Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agriculture Attaches and Foreign Service Officers, results of office research, and related information.

Copra: Estimated production by selected producing countries, annual 1965-73 and forecast 1974
(In 1,000 metric tons)

Country	1965	1966	1967	1968	1969	1970	1971	1972	1973 1/	Forecast 1974
Asia:										
Sri Lanka 2/	271	223	191	194	200	183	195	255	105	150
India	266	270	274	274	279	280	281	290	290	--
Indonesia 2/	506	586	597	660	669	711	769	846	871	886
Malaysia 3/	172	179	182	191	181	182	179	190	196	--
Philippines 2/	1,458	1,612	1,388	1,352	1,183	1,252	1,704	2,078	1,775	1,750
Other	67	60	62	59	57	61	61	61	61	61
Total	2,740	2,930	2,694	2,730	2,569	2,669	3,189	3,720	3,298	3,333
Oceania:										
Fiji	31	26	25	28	34	29	29	26	26	--
French Pacific Islands	21	21	19	18	19	16	14	14	14	--
New Guinea 2/	109	97	97	117	112	109	116	106	105	120
New Hebrides	29	34	42	34	37	31	40	40	40	--
Papua	17	16	16	18	16	16	17	17	17	--
Other	73	72	67	63	76	70	82	83	83	--
Total	280	266	266	278	294	271	298	286	285	300
Africa:										
Mozambique 2/	41	43	60	60	51	60	57	54	60	60
Other	49	49	48	49	47	52	50	54	54	--
Total	90	92	108	109	98	112	107	108	114	117
Americas:										
Mexico	158	140	125	136	126	118	135	140	100	115
Other	63	59	65	66	61	62	66	65	64	--
Total	221	199	190	202	187	180	201	205	164	179
Grand total	3,331	3,487	3,258	3,319	3,148	3,232	3,795	4,319	3,861	3,929
Coconut oil 4/	2,132	2,232	2,085	2,124	2,015	2,068	2,429	2,764	2,471	2,515

1/ Preliminary.
2/ Commercial production on the basis of the combined copra equivalent of exports excluding nuts used for food.
3/ Includes Sabah and Sarawak.
4/ 64 % of copra.

1974 WORLD FISH OIL PRODUCTION, (EXPORTS RECOVER FROM 1973 LOW)

World production of fish oil in 1974 is now forecast at 1,020,000 metric tons, an increase of 28 percent or 225,000 metric tons above the 795,000 tons produced in 1973. The 1973 production level was the lowest since 1965. Fish oil production is expected to continue upward in 1975 and may reach 1,090,000 metric tons.

Peru will likely be the major producer of fish oil again in 1974 after having lost that position in 1973 because of the extremely poor harvest of anchovies last year. Fish oil production was only 40,000 tons in 1973, lower than any annual Peruvian output in the 1960's. This year, production could reach 300,000 metric tons, particularly if the favorable yields of oil obtained during the spring fishing season continue this fall. Production in 1975 might increase to 340,000 tons.

Norway probably will produce only about 160,000 tons of fish oil this year, compared with 185,000 metric tons in 1973. The lower quotas for capelin are partly responsible for the decline. Next year there could be a slight increase in production.

Fish oil production has been increasing in the **United States** following a low of 54,000 metric tons in 1967. Output in 1973 exceeded 100,000 tons and in 1974 probably will reach 120,000 metric tons. It is likely that 1975 production will at least equal that of the current year.

South African fish oil production in 1974 is forecast at 72,000 metric tons, unchanged from 1973. Next year, production could be slightly higher.

Icelandic production of fish oil was at a low of 11,000 metric tons in 1971 but returned to a level of about 30,000 metric tons in 1973. This is still only one-fourth of the peak production of 130,000 tons in 1966.

The above five principal producer-exporters produced 54 percent of the total 1973 fish oil and will probably provide about two-thirds of the total 1974 output with Peru being back in the picture at more normal levels. Fish oil production in other countries will probably run somewhat lower in 1974 than in 1973. However, to the extent that current high prices make it more attractive to produce this oil rather than buy it on the world market, there could be some increases that would result in even higher total fish oil production this year.

Exports

Exports of fish oil in 1974 may total 550,000 metric tons, up about 28 percent or 121,000 metric tons from the low level of 429,000 metric tons in 1973.

World exports could be as high as 650,000 tons in 1975, about equal to other recent more normal high years. The bulk of world exports will come from the major producer-exporters. The five principal countries may export 430,000 tons in 1974 and 525,000 tons in 1975.

Peruvian fish oil exports were nearly zero last year, but could reach 150,000 tons in 1974 and 230,000 in 1975. The record year was 1968, when 323,000 metric tons were exported. Shipments dropped after that, but increased to 276,000 metric tons in 1971 and 293,000 metric tons in 1972.

Norway exported 123,000 tons in 1973, will probably drop to about 110,000 metric tons this year, and may increase to 125,000 tons in 1975. Norway exported 245,000 tons of fish oil in 1967 and in 1969 had a good year with exports of 223,000 metric tons.

Exports from the **United States** appear to be on a plateau of 100,000 tons for this year and next. U.S. exports of 108,000 metric tons in 1973 were a recent record, and since 1960 have been exceeded only by the 112,000 tons in 1963.

South African exports of fish oil were 40,000 tons last year, and will be about the same this year but may increase slightly in 1975. This is still sharply below the record year of 1968 when 106,000 metric tons were exported.

Exports of fish oil from **Iceland** will probably run around 30,000 metric tons this year and next, representing increases over recent low years. Iceland had a good fish catch in 1966 when production was high and exports reached 133,000 metric tons. Since then there has been a general decline that appears to have bottomed out in 1971.

Other countries are likely to export 120,000 metric tons of fish oil in 1974, down from 132,000 metric tons last year. Their exports in 1975 should be slightly higher. Denmark, Angola, and Japan will export the bulk of the 120,000 metric tons.

The leading importer of fish oil is the **United Kingdom.** In 1973, fish oil imports to the United Kingdom were 207,000 metric tons. The United Kingdom normally imports 150,000-200,000 metric tons annually, but in 1967 imports totaled 265,000 metric tons.

West Germany is the second leading importer of fish oil with 117,000 metric tons in 1973. This was the lowest volume since 1967, when less than 100,000 tons were imported. The following year imports increased to 158,000 metric tons.

The **Netherlands** is the third leading fish oil importer. Its imports were 111,000 metric tons in 1973, compared to 120,000 metric tons in 1972, and 137,000 metric tons in 1968.

Fish Oil (Including fish liver oils): World net exports, annual 1965-73
(In 1,000 metric tons)

Continent and country	1965	1966	1967	1968	1969	1970	1971	1972	1973 1/
Gross Exports									
North America:									
Canada	7	3	5	4	10	20	8	5	7
United States	47	35	35	30	89	72	104	88	112
Total	54	38	40	34	99	92	112	93	119
South America:									
Argentina	1	2	2	(2/)	1	1	1	(2/)	1
Chile	8	16	10	28	16	16	36	24	0
Peru	137	87	196	323	141	200	276	293	0
Total	146	105	208	351	158	217	313	317	8
Europe:									
Belgium-Luxembourg	1	1	1	1	1	1	1	1	1
Denmark	52	35	64	58	30	28	18	39	51
France	2	3	2	3	3	4	5	4	5
Germany, West	16	16	20	15	11	6	4	4	4
Ireland	1	(2/)	(2/)	(2/)	(2/)	1	1	1	1
Italy	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Netherlands 3/	2	4	2	3	5	4	3	2	2
United Kingdom	4	5	5	7	9	9	7	0	0
Total EC	78	64	94	87	59	53	39	51	64
Faroe Islands	2	3	7	7	3	6	5	5	5
Iceland	89	133	79	33	36	12	9	16	26
Norway 4/	149	208	268	184	251	160	152	178	132
Portugal	10	9	11	11	8	9	7	8	5
Spain	(2/)	1	1	1	2	3	2	2	4
Sweden	14	12	16	13	14	14	17	10	8
Total	342	430	476	336	373	257	231	270	244
USSR	1	1	1	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Africa:									
Angola	5	5	5	4	8	12	8	19	16
Morocco	1	5	8	11	8	5	3	4	9
South Africa 5/	35	25	25	6/ 106	6/ 62	6/ 57	25	20	40
Total	41	35	38	121	78	74	36	43	65
Asia:									
Japan	1	1	3	2	2	15	29	34	36
Total	1	1	3	2	2	15	29	34	36
Grand total	585	610	766	844	710	655	721	757	472
Gross Imports									
Canada	4	5	4	2	2	2	2	2	1
Mexico	1	1	1	1	2	1	1	1	1
United States	5	8	5	4	4	4	6	6	5
Colombia	14	32	17	33	38	21	35	10	20
Belgium-Luxembourg	17	19	23	16	17	13	17	21	24
Denmark	45	29	30	23	15	17	8	10	4
France	33	27	31	22	30	28	25	36	24
Germany, West	71	78	99	158	134	123	136	148	117
Ireland	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	2	5
Italy	4	5	6	10	6	4	3	3	2
Netherlands 3/	63	78	123	137	112	102	119	120	111
United Kingdom	153	164	265	189	181	176	200	187	207
Total EC	386	400	577	555	495	463	508	527	494
Hungary	4	5	5	6	6	6	5	6	5
Norway 4/	16	21	23	40	28	33	29	55	9
Poland	15	14	7	18	25	13	2	6	5
Spain	4	7	8	(2/)	4	1	(2/)	(2/)	(2/)
Sweden 4/	46	33	42	41	35	36	39	38	6
Korea, Republic of	(2/)	1	3	1	1	2	2	3	4
Japan	1	6	3	6	7	1	1	1	1
Total imports	496	533	695	707	647	583	630	655	551
Net exports	478	510	659	737	620	560	640	667	429

1/ Preliminary. 2/ Less than 500 tons. 3/ Excludes sizable quantities of hardened fish oils exported annually which are not separately classified in trade returns. 4/ Includes hardened fish oils. 5/ Including the territory of South West Africa. 6/ Including factory ships.

Fish Oil: Production and exports by major producer-exporters and world, annual 1960-74 and 1975 forecast
(In 1,000 metric tons)

Item and Year	Peru	Norway	United States	South Africa	Iceland	Total	Other	World
Production: 1/								
1960	48	70	93	44	31	286	176	462
1961	119	77	115	60	46	417	185	602
1962	151	68	112	60	68	459	210	669
1963	155	65	83	48	55	406	210	616
1964	203	90	80	70	91	534	225	759
1965	125	178	88	57	104	552	233	785
1966	147	238	74	51	130	640	249	889
1967	292	327	54	65	74	812	290	1,102
1968	292	236	78	125	20	751	349	1,100
1969	248	204	76	100	13	641	328	969
1970	311	179	93	80	12	675	354	1,029
1971	414	178	119	55	11	777	364	1,141
1972	220	190	86	52	17	565	353	918
1973 2/	40	185	102	72	30	429	366	795
1974 3/	300	160	120	72	30	682	338	1,020
1975 3/	340	180	120	75	30	745	345	1,090
Exports: 1/		(4/)	(4/)					
1960	35	9	57	38	49	188	34	222
1961	102	42	48	52	32	276	22	298
1962	151	28	50	45	66	340	28	368
1963	125	43	112	32	65	377	36	413
1964	111	27	60	45	62	305	56	361
1965	137	133	42	35	89	436	42	478
1966	87	187	27	25	133	459	51	510
1967	196	245	30	25	79	575	84	659
1968	323	144	25	106	33	631	106	737
1969	141	223	85	62	36	547	73	620
1970	200	127	68	57	12	464	96	560
1971	276	123	98	25	9	531	109	640
1972	293	123	82	20	16	534	133	667
1973 2/	0	123	108	40	26	297	132	429
1974 3/	150	110	100	40	30	430	120	550
1975 3/	230	125	100	40	30	525	125	650

1/ Includes fish liver oil and hardened fish oil. 2/ Preliminary. 3/ Forecast. 4/ Net exports.

Fish Oil (including fish liver oil): Production by selected producing countries and estimated world total, annual 1965-73 and forecast 1974
(In 1,000 metric tons)

Continent and country	1965	1966	1967	1968	1969	1970	1971	1972	1973 1/	Forecast 1974 1/
North America:										
Canada	27.0	27.0	29.0	39.7	37.8	31.4	32.0	21.0	13.0	15
United States	88.0	73.8	54.0	77.8	76.2	93.3	118.8	86.0	102.0	120
Other 2/	1.9	3.9	4.0	4.5	2.0	4.9	4.0	5.0	5.0	5
Total	116.9	104.7	87.0	122.0	116.0	129.6	154.8	112.0	120.0	140
South America:										
Chile	10.4	22.2	10.4	37.0	22.6	23.3	62.9	16.3	10.0	20
Peru	124.9	146.7	292.0	292.0	248.0	311.0	414.0	220.0	40.0	300
Other 2/	3.9	4.1	5.5	5.3	5.9	5.7	6.0	6.0	6.0	6
Total	139.2	173.0	307.9	334.3	276.5	340.0	482.9	242.3	56.0	326
Europe:										
Denmark	39.7	37.0	63.0	70.2	52.8	51.2	56.2	59.0	62.0	55
Germany, West	20.0	19.6	19.2	18.0	16.8	15.7	12.4	10.0	11.0	10
Iceland	103.6	130.5	73.0	20.4	13.2	12.2	11.0	17.0	30.0	30
Norway	178.2	237.9	327.4	235.5	204.0	178.8	177.7	190.0	185.0	160
Portugal	9.2	8.2	11.2	9.1	7.8	8.0	11.0	11.0	9.0	9
United Kingdom	13.1	12.1	14.0	14.6	15.9	9.1	10.2	10.0	9.0	8
Other 2/	14.7	17.7	21.9	22.4	17.0	20.4	24.0	24.9	26.0	21
Total	378.5	463.0	529.7	390.2	327.5	295.4	302.5	321.9	332.0	293
USSR	44.0	49.0	55.0	57.0	60.0	60.0	63.0	65.0	65.0	65
Africa:										
Angola	5.6	4.6	4.4	3.3	9.0	10.8	8.1	22.0	16.0	10
Morocco	6.0	5.4	8.3	10.9	8.2	6.0	3.0	5.0	6.0	5
South Africa 3/	56.7	50.7	65.4	125.2	99.6	80.0	54.8	52.4	72.0	72
Total	68.3	60.7	78.1	139.4	116.8	96.8	65.9	79.4	94.0	87
Asia:										
Japan	34.5	36.3	42.0	55.3	70.1	104.3	69.0	95.0	125.0	107
Other 2/	3.2	2.0	2.0	2.0	1.9	2.5	2.9	2.9	3.0	2
Total	37.7	38.3	44.0	57.3	72.0	106.8	71.9	97.9	128.0	109
World total	784.6	888.7	1,101.7	1,100.2	968.8	1,028.6	1,141.0	918.5	795.0	1,020

1/ Preliminary. 2/ Includes estimates for minor producing countries. 3/ Includes South West Africa and production from factory ships.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

WORLD WOOL PRODUCTION UP IN 1974 SEASON

World wool production in the 1974 crop year (July-June) is expected to total 2.6 million metric tons—up about 4.5 percent or 115,000 metric tons from the 1973 level. Most of the increase is expected to come from Australia and New Zealand, resulting from increases in sheep numbers there. Production in the United States is expected to be down 8 percent, owing to fewer sheep shorn. Fleece weights in the United States are expected to be unchanged from last season's level of 8.25 pounds.

The outlook for larger wool production next year is good. Producers in Australia and New Zealand, dissatisfied with lower cattle prices, are expected to lean more towards sheep raising this year despite lower expected wool prices.

WOOL, GREASY BASIS: PRODUCTION IN SPECIFIED COUNTRIES 1/ - AVERAGE 1965-69, ANNUAL 1970-74
(IN THOUSANDS OF METRIC TONS)

REGION AND COUNTRY	AVERAGE 1965-69	1970	1971	1972	1973	1974 2/
NORTH AMERICA:						
CANADA 3/	2.1	1.6	1.9	1.9	1.8	1.8
MEXICO	5.5	4.1	3.7	3.6	3.6	3.7
UNITED STATES 4/	100.8	85.0	81.9	78.3	72.2	67.4
OTHER	.7	.6	.6	.6	.6	.7
TOTAL	109.1	91.5	88.1	84.4	78.3	73.7
SOUTH AMERICA:						
ARGENTINA	209.2	199.6	188.8	177.0	179.2	182.0
BRAZIL	34.2	40.6	34.4	37.1	36.5	37.0
CHILE	25.6	22.3	18.2	16.5	17.0	17.2
PERU	10.5	11.3	11.2	8.3	8.6	8.9
URUGUAY	81.2	80.0	62.0	61.0	61.0	64.0
OTHER	9.7	9.7	9.7	9.7	9.7	9.8
TOTAL	370.4	363.7	324.2	309.5	312.0	318.9
EUROPE:						
WESTERN:						
EC:						
BELGIUM-LUXEMBOURG	.3	.3	.3	.3	.3	.3
DENMARK	.3	.2	.2	.2	.2	.2
FRANCE	22.4	20.3	21.0	21.2	21.4	21.7
GERMANY,WEST	3.4	3.6	3.6	3.6	3.8	4.1
IRELAND	10.7	9.4	10.7	10.2	10.2	10.0
ITALY	14.3	12.5	12.1	11.8	11.7	11.6
NETHERLANDS	1.5	1.7	1.7	1.7	1.7	1.7
UNITED KINGDOM	57.6	47.2	44.5	46.7	49.4	52.2
TOTAL EC	110.5	95.2	94.1	95.7	98.7	101.8
GREECE	7.9	7.7	8.1	8.5	8.7	8.9
PORTUGAL	13.7	10.4	9.0	8.9	8.9	8.5
SPAIN	35.2	33.8	32.1	31.7	36.0	34.0
OTHER	9.4	8.8	8.6	8.6	8.8	8.9
TOTAL WESTERN EUROPE	176.8	155.9	151.9	153.0	161.1	162.1
EASTERN:						
BULGARIA	27.1	28.9	29.7	31.4	30.8	30.3
GERMANY,EAST	7.9	9.0	8.0	8.0	8.3	8.7
HUNGARY	10.4	9.8	8.8	7.3	7.1	6.9
POLAND	8.4	8.9	9.1	7.9	7.8	7.8
ROMANIA	28.3	29.7	28.7	29.6	30.3	30.1
YUGOSLAVIA	13.2	12.0	11.5	9.6	9.5	9.6
OTHER	5.7	6.8	6.9	6.6	6.4	6.3
TOTAL EASTERN EUROPE	100.9	105.1	102.6	100.4	100.2	99.7
TOTAL EUROPE	277.7	261.0	254.5	253.4	261.3	261.7
U.S.S.R.	385.4	418.9	428.8	420.0	428.0	438.9
AFRICA:						
MOROCCO	14.6	15.5	13.5	20.0	23.0	21.0
SOUTH AFRICA 5/	150.4	126.6	121.2	114.7	111.5	115.0
TUNISIA	4.5	4.2	4.0	3.6	3.2	3.0
OTHER	18.4	19.2	19.1	19.1	19.9	20.5
TOTAL	188.0	165.5	157.9	157.4	157.6	159.5
ASIA:						
INDIA	36.1	36.0	37.0	30.8	30.1	30.1
IRAN	19.2	19.6	19.0	18.0	16.5	18.0
IRAQ	12.9	13.6	13.6	13.6	13.6	13.6
PAKISTAN	19.3	20.0	20.0	20.4	20.4	20.9
SYRIA ARAB REP	13.4	12.7	12.7	12.7	12.7	12.7
TURKEY	45.7	47.5	47.5	50.3	47.3	48.0
OTHER	120.4	126.1	135.4	137.8	139.7	141.4
TOTAL	267.0	275.5	285.2	283.6	280.3	282.7
OCEANIA:						
AUSTRALIA	832.6	885.5	875.4	737.0	701.0	772.0
NEW ZEALAND	325.4	333.9	322.3	308.8	279.9	304.5
TOTAL	1,158.1	1,219.4	1,197.7	1,045.8	980.9	1,076.5
WORLD TOTAL	2,755.7	2,795.5	2,736.3	2,554.1	2,498.4	2,611.9

NOTE: TOTALS MAY NOT ADD DUE TO ROUNDING.

1/ INCLUDES SHORN, PULLED WOOL, AND WOOL EXPORTED ON SKINS WITH THE LATTER TWO CONVERTED TO A GREASY BASIS. WOOL PRODUCED IN THE SPRING IN THE NORTHERN HEMISPHERE IS COMBINED WITH THAT PRODUCED IN THE SEASON BEGINNING JULY 1 OR OCTOBER 1 OF THE SAME YEAR IN THE SOUTHERN HEMISPHERE.
2/ PRELIMINARY.
3/ EXCLUDES PULLED WOOL.
4/ INCLUDES PULLED WOOL CONVERTED TO A GREASY BASIS USING 1.7 CONVERSION FACTOR.
5/ INCLUDES REPUBLIC OF SOUTH AFRICA, LESOTHO, AND SOUTH WEST AFRICA.

FOREIGN AGRICULTURAL SERVICE. PREPARED OR ESTIMATED ON THE BASIS OF OFFICIAL STATISTICS OF FOREIGN GOVERNMENTS, OTHER FOREIGN SOURCE MATERIALS, REPORTS OF U. S. AGRICULTURAL ATTACHES AND FOREIGN SERVICE OFFICERS, RESULTS OF OFFICE RESEARCH, AND RELATED INFORMATION.

1974 WORLD FISHMEAL OUTPUT UP SHARPLY FROM 1973

World fishmeal production is expected to be up almost 25 percent in 1974 from the 1973 level. The 3,529,000 tons production in 1973 was the lowest world output since 1965. In 1974, production could reach 4.4 million tons if the Peruvian fall fishing season is reasonably successful. By 1975, production could increase to 5 million tons. The record year in world fishmeal production was in 1970, when it reached 5,347,000 metric tons.

Six major producer-exporters—Peru, Norway, South Africa, Chile, Denmark, and Iceland—are expected to produce 2,255,000 metric tons this year or 51 percent of the world total. Next year they are forecast to produce about 57 percent of the total. In the early 1970's these countries represented 62-63 percent of the world total. Production from these six countries dropped to 1,496,000 metric tons last year, the lowest since 1961. The decline was largely the result of the low Peruvian harvest of anchovies because of the temporary change in the Peru current and resulting anchovy population decline.

Peruvian Fishmeal Situation Improved in 1974

Even with its low output of 423,000 metric tons, Peru held its lead as the principal producer among these six countries in 1973. Both Japan and Russia produced more fishmeal than Peru last year, but these countries only export small quantities and Japan is a net importer.

The Peruvian situation has improved and production this year could reach 1.2 million tons. During the first 5 months of 1974, Peru's fleet harvested 2.45 million tons of fish yielding 540,000 metric tons of fishmeal. The fall season will start in September or October.

The Peruvian Institute of the Sea recently released the results of the May study. These scientists were cautious and recommended continued care in the management of the resource. Their estimate of the anchovy stock in the sea was 5-7 million tons, about the same as in November 1973. However, there had been a 2.45-million-ton harvest during that period. Fishmeal yields so far in 1974 have been favorable. If there continues to be improvement in the Peruvian anchovy situation, a 1975 forecast of 1.7 million tons seems reasonable.

Norway Fishmeal Output Down This Year

Norway's fishmeal production is expected to decline to 280,000 metric tons in 1974 from the level of 350,000 metric tons in 1973. With international catch restrictions for capelin (a member of the smelt family) and North Sea herring, and national regulations also applied, it seems unlikely that its 1975 fishmeal production will exceed 1974 levels.

Other Major Fishmeal Producers

South African production in 1974 will be about the same or slightly lower than that of 1973. Its production of 280,000 tons in 1973, an increase of 14 percent over 1972, was possible because of abundant anchovies during the year. This put South Africa (including South West Africa) in a unique position to take advantage of the market situation created by the decline in Peruvian anchovy population.

Chilean output of fishmeal declined to 73,000 metric tons in 1973. Production is forecast at 120,000 metric tons this year, increasing to 200,000 metric tons in 1975. Its record year was 1971, when 263,000 metric tons of fishmeal were produced. Chile's 1973 output was the lowest since 1961.

Production of fishmeal in **Denmark** in 1973 reached 270,000 metric tons, up 8 percent from the 250,000 metric tons in 1972. Fishmeal production will be around this level or slightly higher this year and next. Over the longer run Denmark, too, will be caught up in the problem of limited catch provisions.

Iceland produced about 100,000 metric tons of fishmeal in 1973 and will probably do as well or even some better this year and next. One recent development in the Icelandic fishmeal industry has been the diversion of some capelin from processing for fishmeal to the frozen export market to Japan for human consumption. It is estimated that up to 40,000 tons of capelin will be sent to Japan in 1974, over double the 1972 and 1973 levels. Japan is a fairly new market, and in 1971 only 4,000 tons were shipped. Lack of freezing capacity in Iceland is apparently the current limiting factor since some sources visualize an eventual market of as much as 200,000 metric tons.

Other Producing Countries Show Four Percent Increase Over 1973

Countries other than the six major producer-exporters may have a fishmeal output of about 2.1 million tons in 1974, up about 4 percent from last year's level. There likely will be another slight increase next year. Japan and Russia are important fishmeal producers. The United

States produced 316,000 metric tons of fishmeal last year and output will likely remain around that level this year and next.

Historically, the United States has been a net importing country. Canada produced 49,300 tons of fishmeal last year, but its production was as high as 127,300 metric tons in 1969. Angola, also an exporter, produced 93,000 metric tons in 1973. The United Kingdom and West Germany produce 70,000-80,000 tons of fishmeal each year.

1974 World Exports of Fishmeal Well Above 1973

Exports of fishmeal on a world wide basis in 1974 will probably total over 2.2 million tons, up almost 49 percent from the low level of 1,520,000 metric tons last year. That was the lowest export level since 1961 and had a marked effect on the world feed price level. Exports in 1975 may be as high as 2.7 million tons.

The six fishmeal producer-exporters accounted for 80 percent of world exports in 1973 and will likely export 85 percent of the 1974 total. In earlier years an even greater proportion of the world total was exported by these countries.

Peruvian exports this year could reach 1.1 million metric tons after last year's low level of 351,000 metric tons. Next year, exports could be as high as 1.5 million tons.

Exports from Norway this year will likely be only around 260,000 metric tons, down 20 percent from the 327,000 metric tons shipped last year. For 1975 exports are forecast at about the 1974 level.

Including exports from production on factory ships, South African exports of about 175,000 metric tons in 1974 will be at about the same level as in 1973.

Chilean exports will probably increase to 80,000 metric tons this year over 1973's level, and may reach 100,000 metric tons in 1975. Exports last year were the lowest since the early 1960's.

Fishmeal exports from Denmark were about 211,000 metric tons in 1973, and will probably be slightly higher this year.

Icelandic exports of fishmeal this year and next will probably be about 100,000 metric tons. This will be above other recent years but below export levels reached in the mid-1960's.

Exports from other countries will probably only total 330,000 metric tons in 1974, up 5 percent from 1973, and could increase another 3 percent next year. Angola is one of the fishmeal producers that exports much of its production. Morocco also is a net exporter.

Several of the major importers of fishmeal also export the product. West Germany, for instance, imported 265,000 tons of fishmeal in 1973 and exported 42,000 tons. France imported 49,000 metric tons that year and exported 22,000 metric tons. While the United Kingdom was a large importer in 1973 with 316,000 metric tons it only exported 10,000 metric tons that year. Historically, it has not exported but has imported as much as 499,000 metric tons in 1968.

Fishmeal 1/: Exports from specified countries
annual 1965-73
(In 1,000 metric tons)

Continent and country	1965	1966	1967	1968	1969	1970	1971	1972	1973 2/
North America:									
Canada	54	49	48	64	73	73	63	33	29
Greenland	2	2	2	3/ 3	3/ 3	3/ 3	3/ 3	3/ 2	3/ 2
Panama	5	10	9	9	2	5	6	7	7
Total	61	61	59	76	78	81	72	42	38
South America:									
Argentina	2	1	2	1	1	1	(4/)	(4/)	5/ 7
Chile	67	183	103	167	145	99	194	77	50
Peru	1,260	1,304	1,561	2,083	1,656	1,873	1,752	1,528	351
Total	1,329	1,488	1,666	2,251	1,802	1,973	1,946	1,605	408
Europe:									
Belgium-Luxembourg	5	2	1	(4/)	1	1	1	1	2
Denmark 6/	81	82	102	184	169	170	188	189	211
France	5	6	4	4	2	5	11	7	22
Germany, West	5/ 8	2	2	8	15	21	44	41	42
Ireland	(4/)	(4/)	(4/)	1	1	2	2	2	2
Italy	(4/)	(4/)	(4/)	(4/)	0	(4/)	(4/)	(4/)	1
Netherlands	10	4	1	15	32	37	9	27	6
United Kingdom	0	0	0	0	0	0	9	11	10
Total EC	109	96	110	212	220	236	264	278	296
Faroe Islands	3	6	11	13	12	14	16	15	15
Iceland	141	153	133	62	66	62	60	74	93
Norway	260	258	495	436	302	249	319	382	327
Portugal	2	4	4	8	8	7	6	9	9
Sweden	(4/)	1	1	(4/)	(4/)	2	2	4	6
Total Europe	515	518	754	731	608	570	667	762	746
USSR	7	12	36	28	27	12	10	15	10
Africa:									
Angola	48	54	37	44	92	62	48	120	92
Morocco	8	37	25	38	28	23	19	18	33
South Africa 6/ 7/	233	173	289	8/ 353	8/ 314	8/ 184	118	142	175
Total	289	264	351	435	434	269	185	280	300
Asia:									
Japan	13	15	11	7	18	25	38	29	18
Grand total	2,214	2,358	2,877	3,528	2,967	2,930	2,918	2,733	1,520

1/ Includes solubles and similar products. 2/ Preliminary. 3/ Estimated. 4/ Less than 500 tons. 5/ Including small quantities of meat meal. 6/ Including solubles, dry meal basis. 7/ Including the production of South West Africa. 8/ Fishmeal exporters organization estimates, includes export sales from factory ships.

Fishmeal 1/: Production from selected countries, annual 1965-74
(In 1,000 metric tons)

Continent and country	1965	1966	1967	1968	1969	1970	1971	1972 1/	1973 2/	1974 2/
North America:										
Canada	87.7	87.2	89.4	122.4	127.0	112.3	91.0	73.2	49.3	
United States	273.3	240.2	224.5	244.9	265.4	295.0	307.0	309.6	316.0	
Mexico	7.1	9.6	10.2	11.4	14.9	15.0	17.0	17.0	20.0	
Other	5.7	11.5	11.6	8.9	3.0	9.0	9.0	9.0	9.0	
Total	373.8	348.5	335.7	387.6	410.3	431.3	424.0	408.8	394.3	420
South America:										
Argentina	15.8	22.1	26.5	18.6	15.6	13.1	13.2	14.0	14.0	
Chile	93.1	217.7	161.8	234.9	176.8	196.7	263.0	116.0	73.0	120
Peru	1,282.0	1,470.5	1,816.0	1,922.0	1,611.0	2,253.0	1,935.0	897.0	423.0	1,200
Other	6.9	10.1	13.1	13.5	18.4	21.0	22.1	22.1	22.1	
Total	1,397.8	1,720.4	2,017.4	2,189.0	1,821.8	2,483.8	2,233.3	1,049.1	532.1	1,360
European Community:										
Denmark	112.6	124.5	176.4	243.9	247.3	245.1	247.6	250.0	270.0	275
France	13.2	13.6	13.2	14.0	14.0	19.0	24.5	28.0	28.0	
Germany, West	80.4	79.2	84.0	81.9	78.4	72.3	72.5	74.0	70.0	
Netherlands	5.9	9.6	8.4	5.0	7.2	7.5	7.0	7.0	7.0	
United Kingdom	86.3	87.4	81.2	88.4	85.0	84.0	90.0	87.0	87.0	
Total EC	298.4	314.3	363.2	433.2	431.9	427.9	441.6	446.0	462.0	470
Other Europe:										
Iceland	173.9	175.9	111.5	53.2	60.9	67.2	64.2	74.0	100.0	105
Norway	283.3	422.3	493.6	403.6	310.4	352.3	384.4	375.5	350.0	280
Poland	15.0	20.3	21.4	25.0	26.2	28.5	51.0	50.0	50.0	
Portugal	8.0	10.9	7.0	6.8	11.2	14.0	15.0	15.0	15.0	
Spain	34.1	33.9	33.1	37.1	42.8	45.0	40.0	28.0	32.0	
Sweden	6.4	6.9	7.0	8.0	6.8	7.0	7.0	7.0	7.0	
Other	10.1	17.0	20.7	20.0	21.0	25.0	24.9	21.4	23.4	
Total Europe	829.2	1,001.5	1,057.5	986.9	911.2	966.9	1,028.1	1,016.9	1,039.4	1,000
USSR (Europe and Asia)	237.0	265.0	325.0	348.0	374.0	395.0	427.2	450.0	475.0	480
Africa:										
Angola	46.9	48.1	41.5	54.7	89.6	67.4	52.0	130.0	93.0	
Morocco 3/	7.5	37.1	25.3	38.2	27.5	30.0	20.0	30.0	38.0	
South Africa 4/	276.5	270.0	355.7	467.7	404.4	303.0	272.7	244.6	280.0	275
Other	.8	1.3	1.6	1.7	1.0	1.0	1.0	1.0	1.0	
Total	331.7	356.5	424.1	562.3	522.5	401.4	345.7	405.6	412.0	410
Asia:										
Australia	0.8	0.8	0.8	0.8	1.0	1.8	2.0	2.0	2.0	
Japan	341.2	358.8	409.3	483.6	578.9	655.3	675.7	670.0	662.0	
Other	8.8	8.7	9.4	10.7	11.7	11.7	12.0	11.7	12.0	
Total	350.8	368.3	419.5	495.1	591.6	668.8	689.7	683.7	676.0	710
World total	3,520.3	4,060.2	4,579.2	4,968.9	4,631.4	5,347.2	5,148.0	4,014.1	3,528.8	4,380

1/ Includes solubles, dry weight basis, where separately classified. 2/ Preliminary. 3/ Exports. 4/ Includes South West Africa and production from factory ships.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

Fishmeal 1/: Imports into specified countries
annual 1965-73
(In 1,000 metric tons)

Continent and country	1965	1966	1967	1968	1969	1970	1971	1972	1973 2/
North America:									
Canada	(3/)	(3/)	1	2	1	(3/)	(3/)	1	(3/)
Mexico	32	49	52	71	70	78	104	85	20
United States	248	408	593	777	325	229	257	356	62
Total	280	457	646	850	396	307	361	442	82
South America:									
Bolivia	(3/)	[illegible]	1	(3/)	1	1	(3/)	(3/)	(3/)
Brazil	(3/)		6	8	9	7	10	2	3
Colombia 5/	6		3	5	4	5	4/ 4	4/ 4	4/ 4
Venezuela	14		25	30	26	27	32	10	6
Total	20		35	43	40	40	46	16	13
Europe:									
Belgium-Luxembourg	70	[illegible]	80	96	99	95	97	89	43
Denmark	32	[illegible]	22	8	31	19	20	21	24
France	99	94	99	107	105	95	67	85	49
Germany, West	406	361	6/ 479	6/ 539	6/ 551	6/ 515	6/ 530	6/ 509	6/ 265
Ireland	13	11	17	20	26	23	12	17	12
Italy	89	96	103	111	115	114	100	120	56
Netherlands	171	138	146	186	196	134	130	160	48
United Kingdom	361	309	400	499	478	393	328	393	316
Total EC	1,241	1,116	1,346	1,566	1,591	1,388	1,284	1,394	813
Austria	38	38	46	51	54	57	56	52	24
Finland	20	21	26	41	44	41	48	46	50
Greece 5/	16	18	18	10	12	10	13	15	4
Norway	2	2	2	1	1	1	1	7	(3/)
Portugal 5/	7	10	14	19	23	24	22	32	13
Spain	92	100	107	113	141	117	99	122	38
Sweden	45	50	57	73	80	75	79	77	73
Switzerland 5/	46	30	38	57	68	71	73	82	74
Total West Europe	1,507	1,385	1,654	1,931	2,014	1,784	1,675	1,827	1,089
Bulgaria	15	20	14	9	10	21	29	14	10
Czechoslovakia	73	67	75	75	83	104	114	80	40
Germany, East	104	95	80	98	72	140	210	80	43
Hungary	35	28	33	48	53	60	80	60	44
Poland	63	67	85	108	123	126	115	166	120
Yugoslavia	27	41	39	48	55	119	70	53	66
Total East Europe	317	318	326	386	396	570	618	453	323
Total Europe	1,824	1,703	1,980	2,317	2,410	2,354	2,293	2,280	1,412
Africa:									
Kenya	1	(3/)	1	1	1	1	2	2	1
Mozambique	1	1	1	2	2	2	2	3	2
Rhodesia	5	(7/)	(7/)	(7/)	(7/)	(7/)	(7/)	(7/)	(7/)
Malawi	0	(3/)	(3/)	(3/)	(7/)	(7/)	(7/)	(7/)	(7/)
Zambia	2	2	2	3	5	5	4/ 5	4/ 5	4/ 5
Total	9	3	4	6	8	8	9	10	8
Asia:									
Israel 5/	10	13	11	15	22	24	15	15	7
Hong Kong	3	3	2	2	2	3	3	3	4
Japan	113	96	87	150	108	94	22	57	87
Malaysia	7	11	10	14	12	13	9	10	10
Philippines	9	8	13	21	12	10	10	12	1
Singapore	23	22	23	43	34	34	33	39	34
Thailand	0	0	(3/)	(3/)	3	1	(3/)	(3/)	(3/)
Vietnam, South	(3/)	0	(3/)	1	1	4/ 1	4/ 1	4/ 1	4/ 1
Total	165	153	146	246	194	180	93	137	144
Oceania:									
Australia 8/	11	12	14	28	30	27	32	81	14
Grand total	2,309	2,353	2,825	3,490	3,078	2,916	2,834	2,966	1,673

1/ Includes fish solubles, dry weight basis, where separately classified in import statistics. 2/ Preliminary. 3/ Less than 500 tons. 4/ Estimated. 5/ Includes small amounts of meat meal. 6/ Includes fish and whale solubles, dry weight basis. 7/ Not available. 8/ Year ending June 30.

Fishmeal: Production and exports by selected producer-exporters, and the world annual 1960-74 and forecast 1975
(In 1,000 metric tons)

Item and Year	Peru	Norway	South Africa	Chile	Denmark	Iceland	Total	Other	World
Production: 1/									
1960	530	141	133	43	51	54	952	1,054	2,006
1961	864	152	170	58	58	69	1,371	1,110	2,481
1962	1,124	109	193	94	88	100	1,708	1,118	2,826
1963	1,159	138	247	108	96	91	1,839	1,029	2,868
1964	1,552	179	263	175	112	126	2,407	1,175	3,582
1965	1,282	283	277	93	113	174	2,222	1,298	3,520
1966	1,471	422	270	218	125	176	2,682	1,378	4,060
1967	1,816	494	356	162	176	112	3,116	1,463	4,579
1968	1,922	404	468	235	244	53	3,326	1,643	4,969
1969	1,611	310	404	177	247	61	2,810	1,820	4,630
1970	2,253	352	303	197	245	67	3,417	1,930	5,347
1971	1,935	384	273	263	248	64	3,167	1,981	5,148
1972 2/	897	376	245	116	250	74	1,958	2,056	4,014
1973 3/	423	350	280	73	270	100	1,496	2,033	3,529
1974 4/	1,200	280	275	120	275	105	2,255	2,125	4,380
1975 4/	1,700	280	290	200	270	100	2,840	2,160	5,000
Exports: 1/									
1960	507	102	127	18	32	55	841	123	964
1961	708	128	169	47	43	72	1,167	140	1,307
1962	1,056	60	207	72	62	71	1,528	138	1,666
1963	1,160	104	214	87	68	102	1,735	128	1,863
1964	1,417	183	280	146	70	124	2,220	173	2,393
1965	1,260	260	233	67	81	141	2,042	172	2,214
1966	1,304	258	173	183	82	153	2,153	205	2,358
1967	1,561	495	289	103	102	133	2,683	194	2,877
1968	2,083	436	353	167	184	62	3,285	243	3,528
1969	1,656	302	314	145	169	66	2,652	315	2,967
1970	1,873	249	184	99	170	62	2,637	293	2,930
1971	1,752	319	118	194	188	60	2,631	287	2,918
1972 2/	1,528	382	142	77	189	74	2,392	341	2,733
1973 3/	351	327	175	50	211	93	1,207	313	1,520
1974 4/	1,100	260	175	80	215	100	1,930	330	2,260
1975 4/	1,500	260	190	100	210	100	2,360	340	2,700

1/ Includes fish solubles, dry weight basis, where separately classified.
2/ Preliminary.
3/ Partly estimated.
4/ Forecast

NEW PUBLICATIONS

CIRCULARS

Cotton

May Exports of Raw Cotton Push Cumulative 1973-74 Total to Nearly 5 Million Bales (FC 15-74)
Current Status of Cotton and Cotton Products Operations Under Public Law 480 (FC 16-74)
June Cotton Exports Push Cumulative 1973-74 Total Above 5 Million Bales (FC 17-74)

Dairy

United States Became Net Importer of Dairy Products in 1973 (FD 3-74)

Essential Oils

U.S. Trade in Essential Oils Up in 1973, First Half 1974 (FTEA 2-74)

Grains

Report on USSR Winter Wheat - 1974 (FG 18-74)
1973 World Corn Production Was Record Crop (FG 19-74)
World Grain Situation: Review and Outlook (FG 20-74)

Livestock and Meat

May U.S. Trade in Livestock, Meat, and Meat Products (FLM MT-6-74)

Sugar

Sugar and Molases Production Set Record in 1973-74 But World Supplies Tight (FS 1-74)
1974-75 Coffee Crop Up Sharply Over 1973-74 (FCOF 3-74)
Sisal and Henequen Output in 1974 Forecast Down Slightly Abaca to Increase (FVF 2-74)

Tobacco

World Tobacco Trade Remain High in 1973 (FT 3-74)

PUBLICATIONS:

FAS M-257. A SUMMARY OF TARIFF AND NONTARIFF BARRIERS ON TOBACCO IN FREE WORLD MARKETS 1973. This publications deals with the tariffs and nontariff barriers to tobacco and tobacco products as of Dec. 31, 1973.

FAS M-259. Livestock Exhibits throughout the World. A list of livestock exhibits throughout the world, places and dates. 28pp.

AH 465. Dictionary of Terms Used in the Hides, Skins, and Leather Trade. 66pp.